

IOT FOR ARCHITECTS AND URBAN PLANNERS



Cityscapes are undergoing a fundamental change as IoT enabled solutions are finding their way into Smart Cities. Smart street lights provide on demand efficient lighting. AI enabled surveillance detectors help create safe spaces. Smart traffic lighting and parking systems reduce congestion in central business districts. Smart garbage collection and processing enables disposal of segregated garbage at safe location. Smart transportation allows public vehicles to be redirected towards crowded areas. Therefore, city planners are being tasked with new ways to design townships that facilitate improved interactions between citizens and city services.

IoT enabled materials like smart glass help commercial buildings like malls, museums, airports, stadiums, etc meet safety and green certification standards. Moreover architects are increasing using IoT controlled light installations to detail the character of such signature buildings as the FC Bayern stadium.



Capsule Labs is founded by IoT industry veterans and offers foundational IoT projects to develop a better understanding of IoT solution.